flexural strength in a region along a circumferential direction between the inner support connection location of the first bracket and the first and second outer support connection locations of the first bracket. Flexural strength of the second bracket in a region along the axis of rotation between the inner support connection location of the second bracket and a connecting line of the first and second outer support connection locations of the second bracket is considerably greater than the flexural strength in a region along a circumferential direction between the inner support connection location of the second bracket and the first and second outer support connection locations of the second bracket.

A9 End

In the Claims:

Please cancel claims 1-11, as amended, without prejudice and add claims 12-57 as follows:

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12. (New) A coupling element for an angle-measuring device for connecting a first component to a second component in a radially resilient, but torsion-proof manner with respect to an axis of rotation, comprising:

a base;

a first bracket rigidly fastened on said base and said first component, wherein said first bracket comprises a first outer support connection location, a second outer support connection location and an inner support connection location centered in a circumferential direction with respect to said axis of rotation between said first and second outer support connection locations;

wherein one of said first outer support connection locations of said first

bracket and said inner support connection location of said first bracket forms a connection of said first bracket and said base and the other of said first outer support connection location of said first bracket and said inner support connection location of said first bracket is rigidly connected with said first component;

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a second bracket rigidly fastened on said base and on said second component and which extends at a right angle with respect to said first bracket, wherein said second bracket comprises a first outer support connection location, a second outer support connection location and an inner support connection location centered in a circumferential direction with respect to said axis of rotation between said first and second outer support connection locations of said second bracket;

wherein one of said first outer support connection locations of said second bracket and said inner support connection location of said second bracket forms a connection of said second bracket and said base and the other of said first outer support connection location of said second bracket and said inner support connection location of said second bracket is rigidly connected with said second component;

wherein flexural strength of said first bracket in a region along said axis of rotation between said inner support connection location of said first bracket and a connecting line of said first and second outer support connection locations of said first bracket is considerably greater than the flexural strength in a region along a circumferential direction between said inner support connection location of said first bracket and said first and second outer support connection locations of said first bracket; and

wherein flexural strength of said second bracket in a region along said axis of

rotation between said inner support connection location of said second bracket and a connecting line of said first and second outer support connection locations of said second bracket is considerably greater than the flexural strength in a region along a circumferential direction between said inner support connection location of said second bracket and said first and second outer support connection locations of said second bracket.

A10 Cont

13. (New) The coupling element of claim 12, wherein said inner support connection location of said first bracket forms a connection of said first bracket with said base, and said first and second outer support connection locations of said first bracket are rigidly connected with said first component.

14. (New) The coupling element of claim 13, wherein said inner support connection location of said second bracket forms a connection of said second bracket with said base, and said first and second outer support connection locations of said second bracket are rigidly connected with said second component.

15. (New) The coupling element of claim 12, wherein said inner support connection location of said first bracket is rigidly attached to said first component, and said first and second outer support connection locations of said first bracket form a connection of said first bracket and said base.

16. (New) The coupling element of claim 15, wherein said inner support

connection location of said second bracket is rigidly attached to said second component, and said first and second outer support connection locations of said second bracket form a connection of said second bracket and said base.

17. (New) The coupling element of claim 12, wherein said coupling element is formed of a piece of sheet metal shaped in one piece.

18. (New) The coupling element of claim 12, wherein said first and second outer support connection locations of said first and second brackets and said inner support connection locations of said first and second brackets are each located on a common plane that extends at a right angle to said axis of rotation.

19. (New) The coupling element of claim 12, wherein said first bracket is bent at a bending connection location so that said first bracket is bent at 90° with respect to said base, wherein said bending connection is one of said first outer support connection locations of said first bracket or said inner support connection location of said first bracket; and

said second bracket is bent at a second bending connection location so that said second bracket is bent at 90° with respect to said base, wherein said second bending connection is one of said first outer support connection locations of said second bracket or said inner support connection location of said second bracket.

20. (New) The coupling element of claim 18, wherein said first bracket is

bent at a bending connection location so that said first bracket is bent at 90° with respect to said base, wherein said bending connection is one of said first outer support connection locations of said first bracket or said inner support connection location of said first bracket; and

A10 Cont

said second bracket is bent at a second bending connection location so that said second bracket is bent at 90° with respect to said base, wherein said second bending connection is one of said first outer support connection locations of said second bracket or said inner support connection location of said second bracket.

21. (New) The coupling element of claim 12, further comprising:

a third bracket rigidly fastened on said first component, wherein said third bracket is arranged opposite to said first bracket and extends parallel with said first bracket, and said first bracket and said third bracket constitute a first pair of brackets; and

a fourth bracket rigidly fastened on said second component, wherein said fourth bracket is arranged opposite to said second bracket and extends parallel with said second bracket, and said second bracket and said fourth bracket constitute a second pair of brackets.

22. (New) The coupling element of claim 12, wherein said base is axially resilient.

23. (New) The coupling element of claim 22, wherein said base comprises

a bend to make said base axial resilient.

24. (New) The coupling element of claim 23, wherein said bend comprises a bead.

AM cont

25. (New) The coupling element of claim 13, wherein said first and second outer support connection locations of said first bracket are each a bore.

26. (New) The coupling element of claim 14, wherein said first and second outer support connection locations of said second bracket are each a bore.

27. (New) The coupling element of claim 15, wherein said inner support connection location of said first bracket is a bore.

28. (New) The coupling element of claim 16, wherein said inner support connection location of said second bracket is a bore.

29. (New) The coupling element of claim 21, wherein said first and third brackets are located parallel and opposite each other and are fastened on a first flange of a shaft adapter, and said second and fourth brackets extend perpendicular with respect to said first bracket and are located parallel and opposite each other, are fastened on a second flange of said shaft adapter.

30. (New) The coupling element of claim 29, wherein said first flange is rigidly fastened to a first shaft and said second flange is rigidly fastened to a second shaft.

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31. (New) The coupling element of claim 30, wherein at least one of said first and second flanges has a bore for the radial clamping of one of said first and second shafts.

32. (New) The coupling element of claim 31, wherein one of said first and second shafts forms part of an angle-measuring device and said one of said first and second shafts is clamped in said bore.

33. (New) A coupling element for an angle-measuring device for connecting a first component to a second component in a radially resilient, but torsion-proof manner with respect to an axis of rotation, comprising:

a base;

a first pair of brackets arranged opposite and parallel to one another and are rigidly fastened on said base and said first component, wherein each of said first pair of brackets comprises a first outer support connection location, a second outer support connection location and an inner support connection location centered in a circumferential direction with respect to said axis of rotation between said first and second outer support connection locations, said first and second outer support connection locations of said first pair of brackets and said inner support connection

locations of said first pair of brackets are located on a common plane that extends at a right angle with respect to said axis of rotation;

wherein one of either each of said first outer support connection locations of said first pair of brackets and each of said inner support connection locations of said first pair of brackets forms a connection of said first pair of brackets and said base and the other of said each of said first outer support connection locations of said first pair of brackets and each of said inner support connection locations of said first pair of brackets are rigidly connected with said first component;

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a second pair of brackets arranged opposite and parallel to one another and rigidly fastened on said base and on said second component and which extends at a right angle with respect to said first pair of brackets, wherein each of said second pair of brackets comprises a first outer support connection location, a second outer support connection location and an inner support connection location centered in a circumferential direction with respect to said axis of rotation between said first and second outer support connection locations of said second pair of brackets, said first and second outer support connection locations of said second pair of brackets and said inner support connection locations of said second pair of brackets are located on said common plane; and

wherein one of either each of said first outer support connection locations of said second pair of brackets and each of said inner support connection locations of said second pair of brackets forms a connection of said second pair of brackets and said base and the other of said each of said first outer support connection locations of said second pair of brackets and each of said inner support connection locations of

said second pair of brackets are rigidly connected with said second component.

34. (New) The coupling element of claim 33, wherein said coupling element is formed of a piece of sheet metal shaped in one piece.

35. (New) The coupling element of claim 33, wherein said first pair of brackets are bent at a first set of bending connection locations so that said first pair of brackets are bent at 90° with respect to said base.

36. (New) The coupling element of claim 35, wherein said second pair of brackets are bent at a second set of bending connection locations so that said second pair of brackets are bent at 90° with respect to said base.

37. (New) An angle measuring device comprising:

a scanning unit;

a stator;

a coupling element connected to said stator and said scanning unit in a torsion-proof, but radially resilient manner with respect to an axis of rotation, wherein said coupling element comprises:

a base;

a first bracket rigidly fastened on said base and said stator, wherein said first bracket comprises a first outer support connection location, a second outer support connection location and an inner support connection location

centered in a circumferential direction with respect to said axis of rotation between said first and second outer support connection locations;

wherein one of said first outer support connection locations of said first bracket and said inner support connection location of said first bracket forms a connection of said first bracket and said base and the other of said first outer support connection location of said first bracket and said inner support connection location of said first bracket is rigidly connected with said stator;

a second bracket rigidly fastened on said base and on said scanning unit and which extends at a right angle with respect to said first bracket, wherein said second bracket comprises a first outer support connection location, a second outer support connection location and an inner support connection location centered in a circumferential direction with respect to said axis of rotation between said first and second outer support connection locations of said second bracket;

wherein one of said first outer support connection locations of said second bracket and said inner support connection location of said second bracket forms a connection of said second bracket and said base and the other of said first outer support connection location of said second bracket and said inner support connection location of said second bracket is rigidly connected with said scanning unit;

wherein flexural strength of said first bracket in a region along said axis of rotation between said inner support connection location of said first bracket and a connecting line of said first and second outer support connection locations of said first bracket is considerably greater than the flexural strength in a region along a

circumferential direction between said inner support connection location of said first bracket and said first and second outer support connection locations of said first bracket; and

wherein flexural strength of said second bracket in a region along said axis of rotation between said inner support connection location of said second bracket and a connecting line of said first and second outer support connection locations of said second bracket is considerably greater than the flexural strength in a region along a circumferential direction between said inner support connection location of said second bracket and said first and second outer support connection locations of said second bracket.

38. (New) The angle measuring device of claim 37, wherein said inner support connection location of said first bracket forms a connection of said first bracket with said base, and said first and second outer support connection locations of said first bracket are rigidly connected with said stator.

39. (New) The angle measuring device of claim 37, wherein said inner support connection location of said second bracket forms a connection of said second bracket with said base, and said first and second outer support connection locations of said second bracket are rigidly connected with said scanning unit.

40. (New) The angle measuring device of claim 37, wherein said inner support connection location of said first bracket is rigidly attached to said stator, and

said first and second outer support connection locations of said first bracket form a connection of said first bracket and said base.

41. (New) The angle measuring device of claim 37, wherein said inner support connection location of said second bracket is rigidly attached to said scanning unit, and said first and second outer support connection locations of said second bracket form a connection of said second bracket and said base.

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42. (New) The angle measuring device of claim 37, wherein said coupling element is formed of a piece of sheet metal shaped in one piece.

43. (New) The angle measuring device of claim 37, wherein said first and second outer support connection locations of said first and second brackets and said inner support connection locations of said first and second brackets are each located on a common plane that extends at a right angle to said axis of rotation.

44. (New) The angle measuring device of claim 37, wherein said first bracket is bent at a bending connection location so that said first bracket is bent at 90° with respect to said base, wherein said bending connection is one of said first outer support connection locations of said first bracket or said inner support connection location of said first bracket; and

said second bracket is bent at a second bending connection location so that said second bracket is bent at 90° with respect to said base, wherein said second

bending connection is one of said first outer support connection locations of said second bracket or said inner support connection location of said second bracket.

45. (New) The angle measuring device of claim 43, wherein said first bracket is bent at a bending connection location so that said first bracket is bent at 90° with respect to said base, wherein said bending connection is one of said first outer support connection locations of said first bracket or said inner support connection location of said first bracket; and

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said second bracket is bent at a second bending connection location so that said second bracket is bent at 90° with respect to said base, wherein said second bending connection is one of said first outer support connection locations of said second bracket or said inner support connection location of said second bracket.

46. (New) The angle-measuring device of claim 37, further comprising:

a third bracket rigidly fastened on said stator, wherein said third bracket is arranged opposite to said first bracket and extends parallel with said first bracket and said first bracket and said third bracket constitute a first pair of brackets; and

a fourth bracket rigidly fastened on said scanning unit, wherein said fourth bracket is arranged opposite to said second bracket and extends parallel with said second bracket and said second bracket and said fourth bracket constitute a second pair of brackets.

47. (New) The angle measuring device of claim 37, wherein said base is axially resilient.

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48. (New) The angle measuring device of claim 47, wherein said base comprises a bend to make said base axial resilient.

49. (New) The angle measuring device of claim 48, wherein said bend comprises a bead.

50. (New) The angle measuring device of claim 38, wherein said first and second outer support connection locations of said first bracket are each a bore.

51. (New) The angle measuring device of claim 39, wherein said first and second outer support connection locations of said second bracket are each a bore.

52. (New) The angle measuring device of claim 40, wherein said inner support connection location of said first bracket is a bore.

53. (New) The angle measuring device of claim 41, wherein said inner support connection location of said second bracket is a bore.

54. (New) An angle-measuring device comprising:

a scanning unit;

a stator;

a coupling element connected to said stator and said scanning unit in a torsion-proof, but radially resilient manner with respect to an axis of rotation, wherein said coupling element comprises:

a base;

a first pair of brackets arranged opposite and parallel to one another and are rigidly fastened on said base and said stator, wherein each of said first pair of brackets comprises a first outer support connection location, a second outer support connection location and an inner support connection location centered in a circumferential direction with respect to said axis of rotation between said first and second outer support connection locations, said first and second outer support connection locations of said first pair of brackets and said inner support connection locations of said first pair of brackets are located on a common plane that extends at a right angle with respect to said axis of rotation;

wherein one of either each of said first outer support connection locations of said first pair of brackets and each of said inner support connection locations of said first pair of brackets forms a connection of said first pair of brackets and said base and the other of said each of said first outer support connection locations of said first pair of brackets and each of said inner support connection locations of said first pair of brackets are rigidly connected with said stator;

a second pair of brackets arranged opposite and parallel to one another and rigidly fastened on said base and on said scanning unit and which extends at a right angle with respect to said first pair of brackets, wherein each of said second pair

A10 Cont

of brackets comprises a first outer support connection location, a second outer support connection location and an inner support connection location centered in a circumferential direction with respect to said axis of rotation between said first and second outer support connection locations of said second pair of brackets, said first and second outer support connection locations of said second pair of brackets and said inner support connection locations of said second pair of brackets are located on said common plane; and

wherein one of either each of said first outer support connection locations of said second pair of brackets and each of said inner support connection locations of said second pair of brackets forms a connection of said second pair of brackets and said base and the other of said each of said first outer support connection locations of said second pair of brackets and each of said inner support connection locations of said second pair of brackets are rigidly connected with said scanning unit.

55. (New) The angle measuring device of claim 54, wherein said coupling element is formed of a piece of sheet metal shaped in one piece.

56. (New) The angle measuring device of claim 54, wherein said first pair of brackets are bent at a first set of bending connection locations so that said first pair of brackets are bent at 90° with respect to said base.

57. (New) The angle measuring device of claim 54, wherein said second pair of brackets are bent at a second set of bending connection locations so that said